

ASSOCIATION OF DATA WITH A
PRODUCT CLASSIFICATION SCHEMA

ABSTRACT OF THE DISCLOSURE

5 A computer-implemented system (10) for associating target data with a
product classification schema includes a data association module (39) that accesses
the product classification schema. The schema includes a taxonomy that includes a
10 hierarchy of classes into which products may be categorized. The schema further
includes ontologies that are associated with one or more of the classes. Each ontology
includes one or more product attributes. The data association module (39) accesses
the target data to be associated with the schema and determines one or more classes
with which at least a portion of the target data should be associated. This
15 determination is based on a comparison between the target data and the product
attributes of the ontologies or between the target data and values for one or more of
the product attributes. Furthermore, the data association module (39) associates at
least a portion of the target data with one or more classes in response to determining
one or more classes with which at least a portion of the target data should be
associated.

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